

## UNITED STATES PATENT AND TRADEMARK OFFICE

## Patent Application Transmittal

ASSIGNEE NAME: International Business Machines Corporation

Date: 11/21, 2003

ASSIGNEE RESIDENCE: Armonk, New York

COMMISSIONER FOR PATENTS

P.O. BOX 1450, Alexandria, VA 22313-1450

IBM Corporation  
Intellectual Property Law  
Dept. 1Q0A/040-3  
1701 North Street  
Endicott, New York 13760

Sir:

Transmitted herewith for filing is the Patent Application of: **Jean Audet, et al.**For: **HIGH PERFORMANCE CHIP CARRIER SUBSTRATE**

Also enclosed are:

- ☒ 10 sheets of drawing(s). ☒ Formal ☐ Informal
- ☒ An assignment of the invention to International Business Machines Corporation.
- ☐ A certified copy of a \_\_\_\_\_ Application.
- ☒ Declaration and Power of Attorney ☐ An Associate Power of Attorney.
- ☒ Information Disclosure Statement

22581 U.S. PTO  
10/722226  
112503

The filing fee has been calculated as shown below:

(Col. 1) (Col. 2)

For:	No. Filed	No. Extra
Basic Fee		
Total Claims 30	-20 =	10
Indep. Claims 4	- 3 =	1
<input type="checkbox"/> Multiple Dependent Claim Presented		

Other Than  
Small Entity

Rate	Fee
	770
x \$18.00=	180
x \$86.00=	86
280	0
Subtotal	1,036
130	0
TOTAL	1,036

Surcharge-Late Filing Fee or Oath or Declaration

- ☒ Please charge my Deposit Account No. 09-0457 in the amount of \$ 1,036.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0457. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR \$1.16. ☒ Any patent application processing fee under 37 CFR \$1.17.

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11/25/03

Date of Deposit

Bethany J. Fitzpatrick  
Signature & Date  
Bethany J. Fitzpatrick

Respectfully submitted,  
**Jean Audet, et al.**

By:

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EN-

IBM Docket No. END920030089US1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:                Jean Audet, et al.

Serial No.:

Group Art Unit:

Filed: herewith

Examiner:

For:    HIGH PERFORMANCE CHIP CARRIER SUBSTRATE

Commissioner for Patents  
P.O. Box 1450  
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**EXPRESS MAIL CERTIFICATE**

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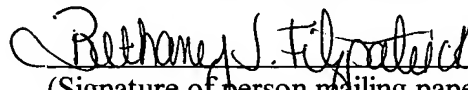
I hereby certify that the following **attached** paper or fee

Patent Application Fee Transmittal  
Application  
Drawings, 10 sheets  
Declaration, 2 pgs. (executed)  
IDS, PTO-1449  
Assignment, 2 pg. (executed)  
Recordation Form Cover Sheet  
Postcard (2)  
Express Mail Cert.

is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Bethany J. Fitzpatrick

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